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first warehouse such that the order routing system has access to robot scheduling information at the first warehouse; and

determining that the order routing system is not in communication with a warehouse management system of a second warehouse.

18. The method of claim 1, wherein determining the level of visibility of the order routing system into each warehouse of the plurality of warehouses comprises determining that a first warehouse is semi-automated with both robotic actors and human actors and determining that a second warehouse is fully automated.

19. A non-transitory computer readable medium having stored therein instructions executable by one or more processors to cause the one or more processors to perform functions comprising:

maintaining, by an order routing system, an inventory database for each warehouse of a plurality of warehouses, wherein a plurality of robots are deployed at each warehouse, wherein the inventory database for each warehouse is updated based on messages sent by the plurality of robots at the warehouse during performance of tasks by the plurality of robots at the warehouse;

receiving an order;

determining, for each warehouse of the plurality of warehouses, a projected availability time for an item that satisfies the order to be available for pickup at the warehouse based on the inventory database for the warehouse;

determining a level of visibility of the order routing system into each warehouse of the plurality of warehouses, wherein the level of visibility into a warehouse is based on an amount of information available to the order routing system from the plurality of robots at the warehouse and a warehouse management system which controls the plurality of robots at the warehouse;

selecting a warehouse from the plurality of warehouses based on the projected availability time determined for each warehouse of the plurality of warehouses and on

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the determined level of visibility of the order routing system into each warehouse of the plurality of warehouses; and

causing at least one robot at the selected warehouse to prepare for pickup the item that satisfies the order at the selected warehouse.

20. A system comprising:

a plurality of robots deployed at each of a plurality of warehouses; and

an order routing system configured to:

maintain an inventory database for each warehouse of the plurality of warehouses, wherein the inventory database for each warehouse is updated based on messages sent by the plurality of robots at the warehouse during performance of tasks by the plurality of robots at the warehouse;

receive an order;

determine, for each warehouse of the plurality of warehouses, a projected availability time for an item that satisfies the order to be available for pickup at the warehouse based on the inventory database for the warehouse;

determine a level of visibility of the order routing system into each warehouse of the plurality of warehouses, wherein the level of visibility into a warehouse is based on an amount of information available to the order routing system from the plurality of robots at the warehouse and a warehouse management system which controls the plurality of robots at the warehouse;

select a warehouse from the plurality of warehouses based on the projected availability time determined for each warehouse of the plurality of warehouses and on the determined level of visibility of the order routing system into each warehouse of the plurality of warehouses; and

cause at least one robot at the selected warehouse to prepare for pickup the item that satisfies the order at the selected warehouse.

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